PATENT ABSTRACTS OF JAPAN

(11)Publication number:

10-172606

(43) Date of publication of application: 26.06.1998

(51)Int.CI.

H01M 10/40

H01M 2/16

H01M 4/58

(21)Application number : 08-324032

(71)Applicant: MITSUBISHI ELECTRIC CORP

(22)Date of filing:

04.12.1996

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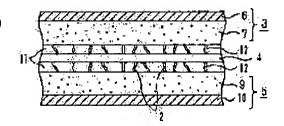
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(54) LITHIUM ION SECONDARY BATTERY AND ITS MANUFACTURE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a lithium secondary battery in which electric connection between electrodes can be maintained without using a strong armor can, high energy density and a thin type can be realized, and charge and discharge characteristics are superior. SOLUTION: A positive electrode 3 formed by joining a positive electrode active material layer 7 with a positive electrode collector 6, a negative electrode 5 formed by joining a negative electrode active material layer 9 with a negative electrode collector 10, and a separator 4 arranged between both electrodes and impregnated with electrolyte containing lithium ions are closely stuck by joining the positive electrode active material layer 7, the negative electrode active material layer 9, and the separator 4 by a porous adhesive resin layer 11 Simultaneously, the electrolyte is held in through holes 12 which is formed in the adhesive resin layer 11 and communicates the positive electrode active material layer 7 and the negative electrode active material layer 9, and the separator 4.



LEGAL STATUS

[Date of request for examination]

20.01.2000

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

3225864

[Date of registration]

31.08.2001

[Number of appeal against examiner's decision of

rejection]

[Date of requesting appeal against examiner's decision

of rejection]

[Date of extinction of right]

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